# EXAM BLOCK ALLOCATION SYSTEM

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## ABSTRACT

This exam hall allotment and seating arrangement gadget had been advanced for the college, to simplify the manual paintings. It helps get admission to to the examination facts of a selected pupil in a particular magnificence. The reason of developing this exam block allocation gadget is to provide a way to allocate exam halls for every scholar with none conflict. maximum students are dealing with many problems locating the examination corridor, so a newly invented idea enables the schools to generate their exam hall arrangement without difficulty. This challenge also allocates a selected invigilator for a particular corridor. it's also very beneficial for the college in which the software can also generate the corridor separation and concerning reviews. hence guide Excel sheets and office work are computerized based totally on their departments and registration numbers. The examination hall allocation system is a web-based totally application that can be utilized in any college and college. The exam corridor allocation is mostly a time-eating procedure. The exam controller has to select the blocks based on a particular scholar's branch and the electricity of every block. sooner or later, this selection allows college students to discover the exam halls with none confusion. also, the exam controller can save all the facts of the hall allocation technique for future reference the use of this software.

**Keywords:** Exam Block Allocation System, Exam Seat Allocation System, Exam Seat Arrangement.

## I.    INTRODUCTION

The motive of growing an examination hall block allocation system is to computerize the conventional way of undertaking checks and assist workforce in allocating examination halls effortlessly without any burden. some other reason of growing this software program is to generate the file routinely at some point of exams on the stop of the consultation or in between the sessions. for this reason the corridor is allotted to the students automatically based totally on their departments and registration numbers.

## II.    LITERATURE SURVEY

| Sr. No. | Authors | Name of the paper | Description |
|---|---|---|---|
| 1 | Prof. S. S. Aravinth | Exam Hall Seating Arrangement System | The paper most important goal for developing this software program is to computerize the traditional way of carrying out exams |
| 2 | Prof . Gautami G. Shingan | Automated Supervision Allocation System | The paper introduces a gadget which used for college leave management. The faculty who are allocated the supervision but for any cause they're now not present at that time then the to be had faculty is sent mails for the supervision. |
| 3 | Dinesh Chandewar, Mainka Saha | Automatic Seating Arrangement of University | The paper is to lessen the significant mission of manually allocating seats at some point of an exam. The device will provide an effective measure to dynamically allocate students in a lecture room. |
| 4 | R.Gokila, Antony Rohan Das | Examination Hall and Seating Arrangement Application using PHP | The paper describes system is evolved to generate the examination corridor seating arrangement for students efficaciously. The advanced machine is helpful for each group of workers and college students. |

| 5 | R.Chandrasekr | Automation of Hall Seating Arrangement System | This paper show off venture which offers a solution to examination seating arrangement problems by means of executing the proposed chromatic polynomial set of rules. |
|---|---|---|---|
| 6 | amsi Krishna Yepuri | Examination Management Automation System | This paper provides a comparative look at on various techniques and device that exists and is being used broadly. |
| 7 | Shazia Anjum, Madhuri | Automation of Exam Hall Allotment and Seating Arrangement | This challenge allows in the technology of stories of seat preparations made and helps in producing random order of precise path or segment exams in every week. |

## III.    BASIC CONCEPTS

The software program facilitates in era of reports of seat association made. The assignment is developed as an internet primarily based utility. college students attending the checks will have their info saved, which includes name, registration number, branch & hall variety. info of the hall consist of, range of halls within the & call of the corridor. details of the batch include the department to which students belong, CMPN, EXTC, INFT and so on. info in modules inclusive of students information, exam Timing details, and hall info with the proper descriptions might be monitored. Then a proper seating association for the scholars could be generated in conjunction with the timetable.

The application is advanced using the ultra-modern technologies i.e. HTML website as the front give up, php is used as backend and MYSQL as records tool and customers that is employ operating at a phase in organization or a developer or a tester can perform her paintings as consistent with necessities. for that reason it may be stated that the gadget is technically viable. It isn't best problem with the technology you operate to broaden however it's miles subject with the right implementation and use of the generation to meet the desired intention of output with less time & space complexity.

## IV.    BLOCK DIAGRAM

A data-flow diagram represents a flow of data through a process or a system. The DFD also provides information about the outputs and inputs of each entity and the process itself. A data-flow diagram has no control flow — there are no decision rules and no loops.
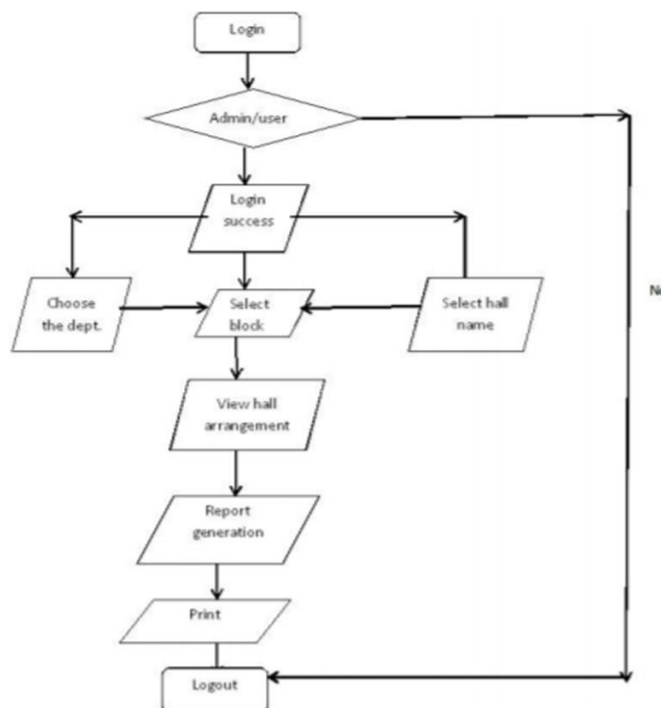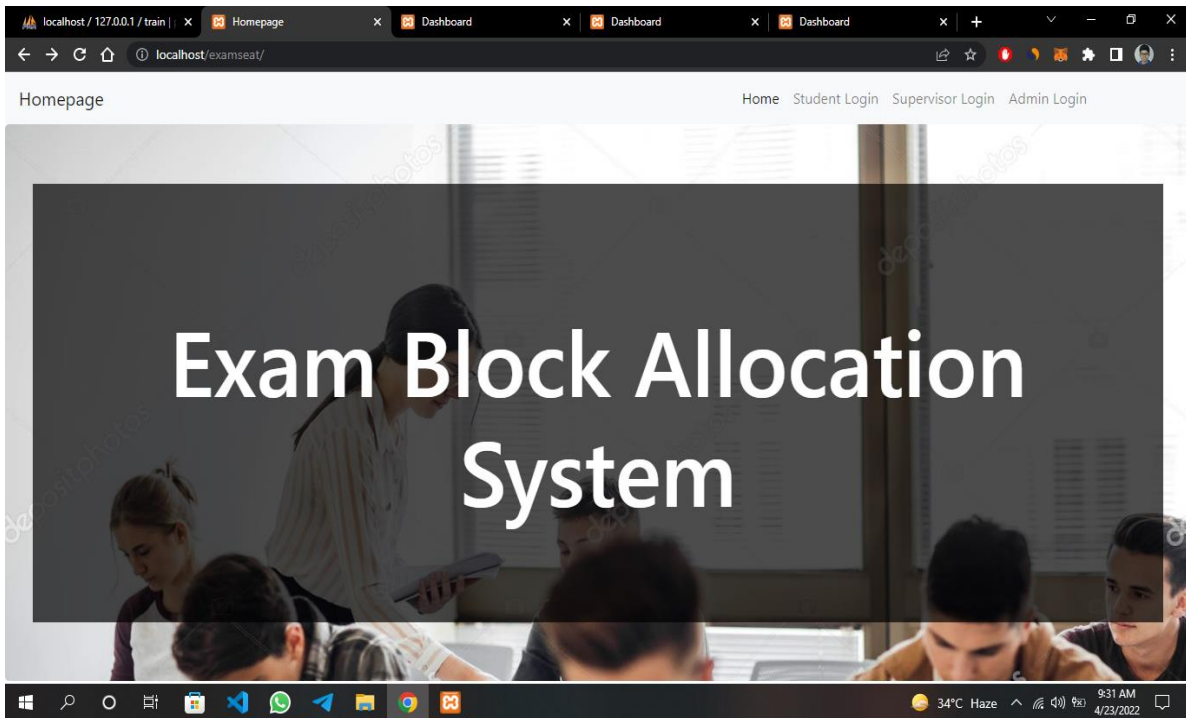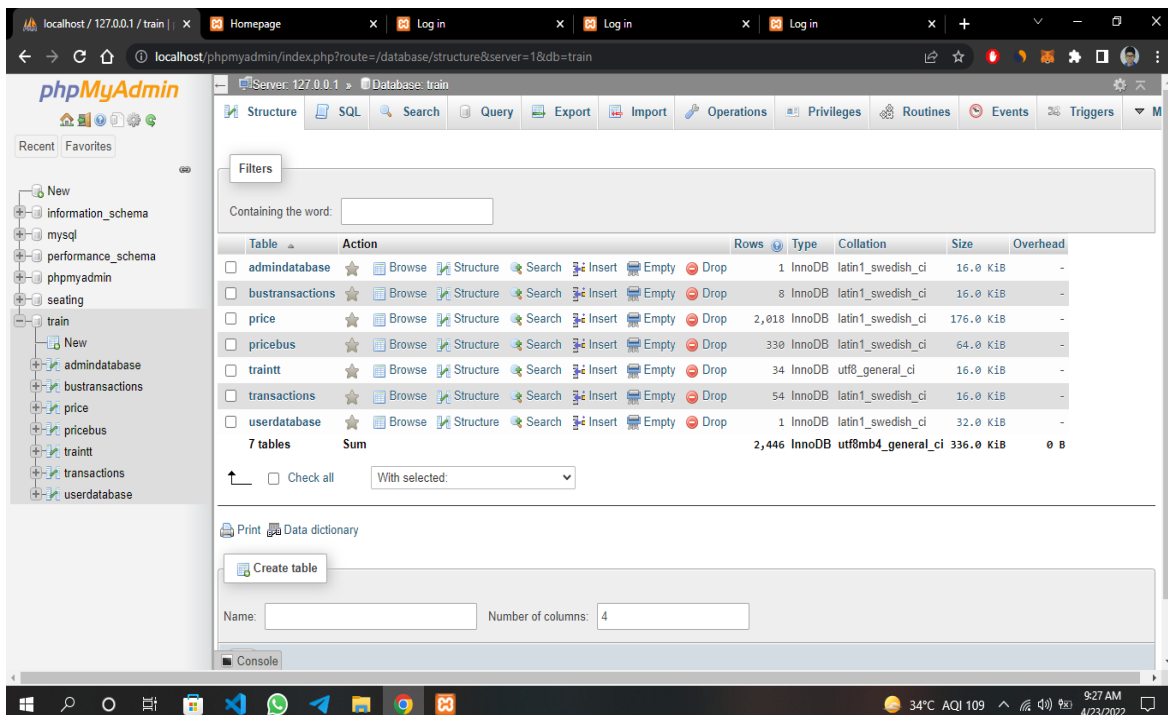
## V.    RESULT ANALYSIS
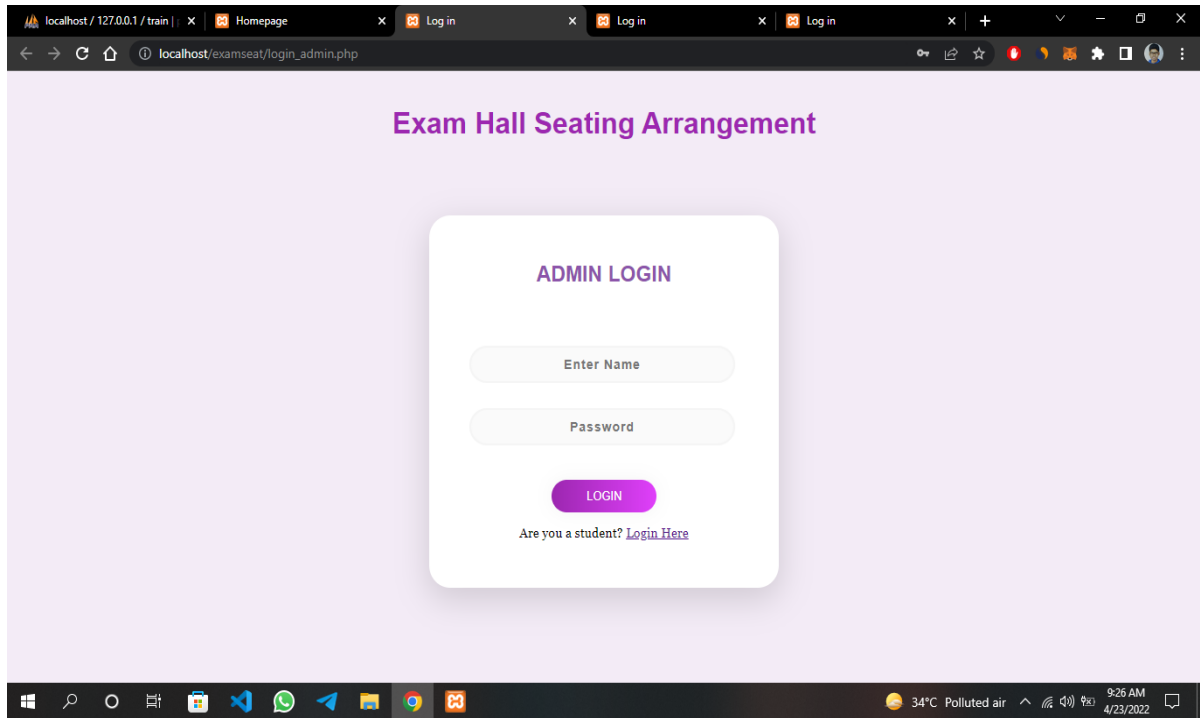


**Fig 1:** Homepage



**Fig 2:** Database Table

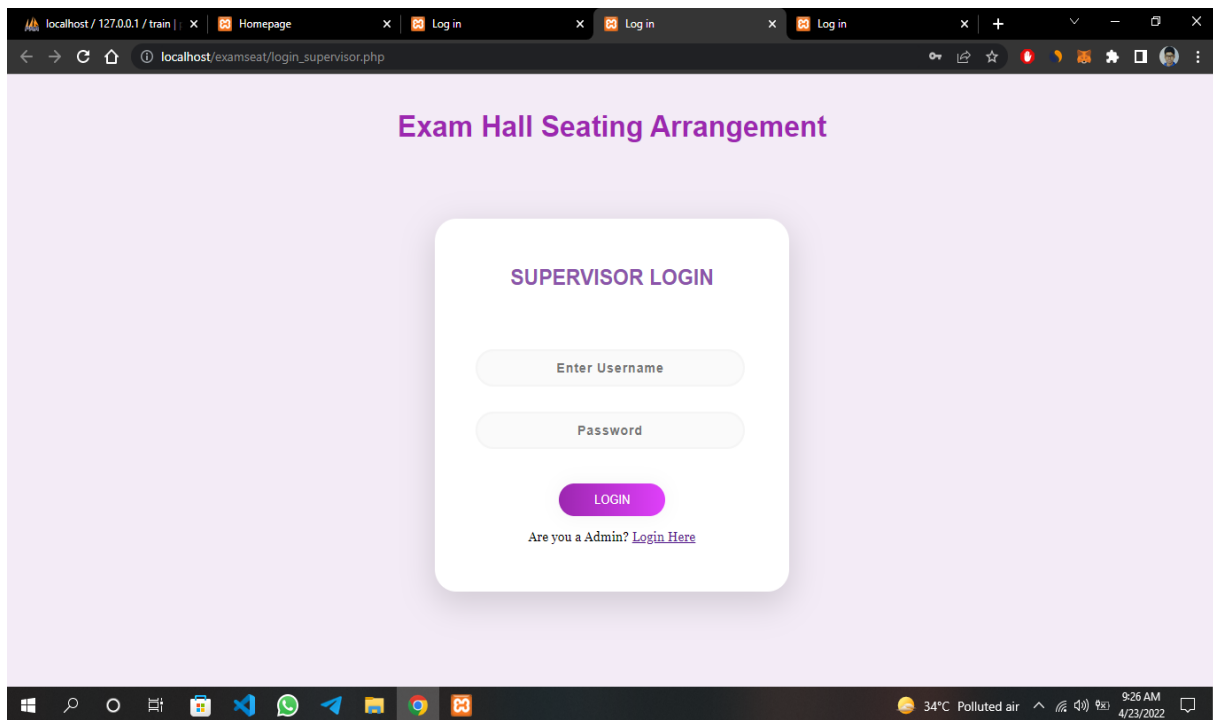**Fig 3:** Admin Login Page



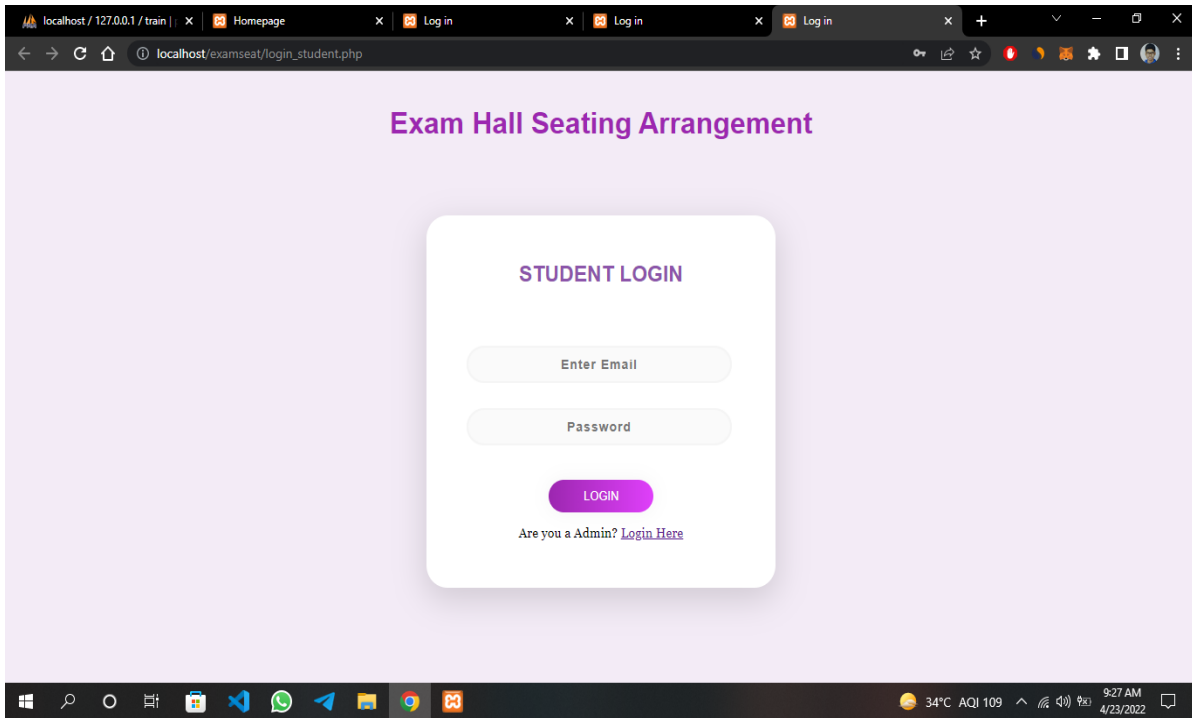**Fig 4:** Faculty Login Page

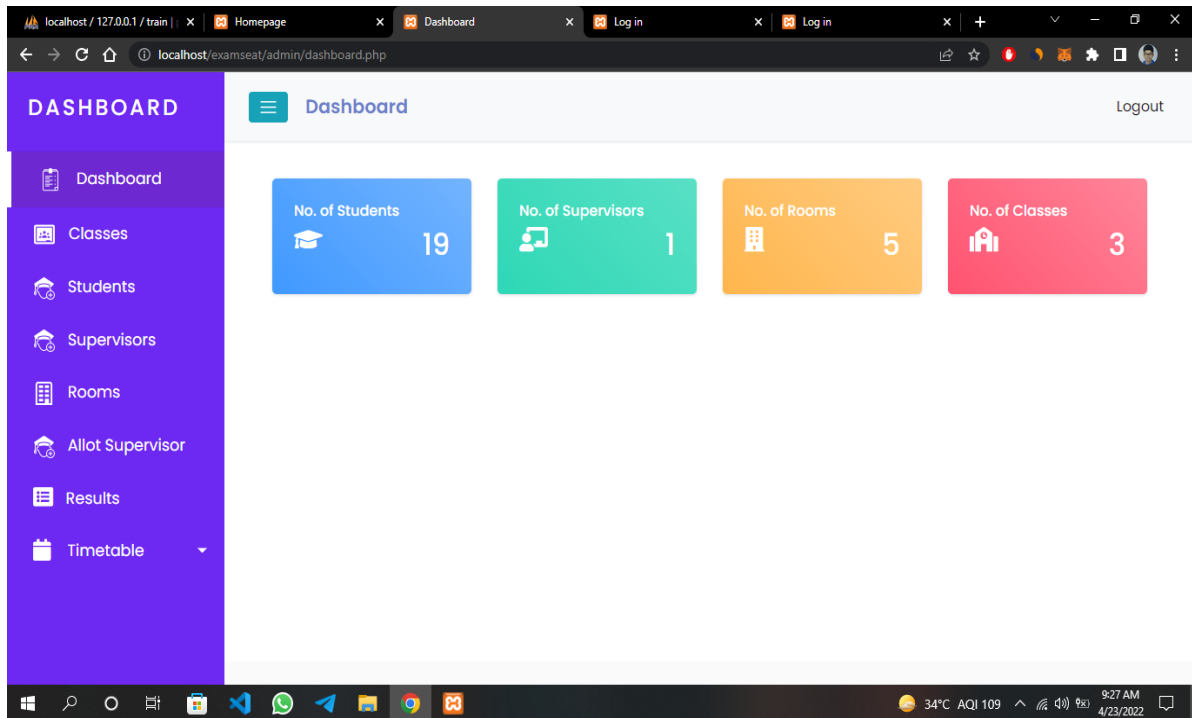**Fig 5:** Student Login Page



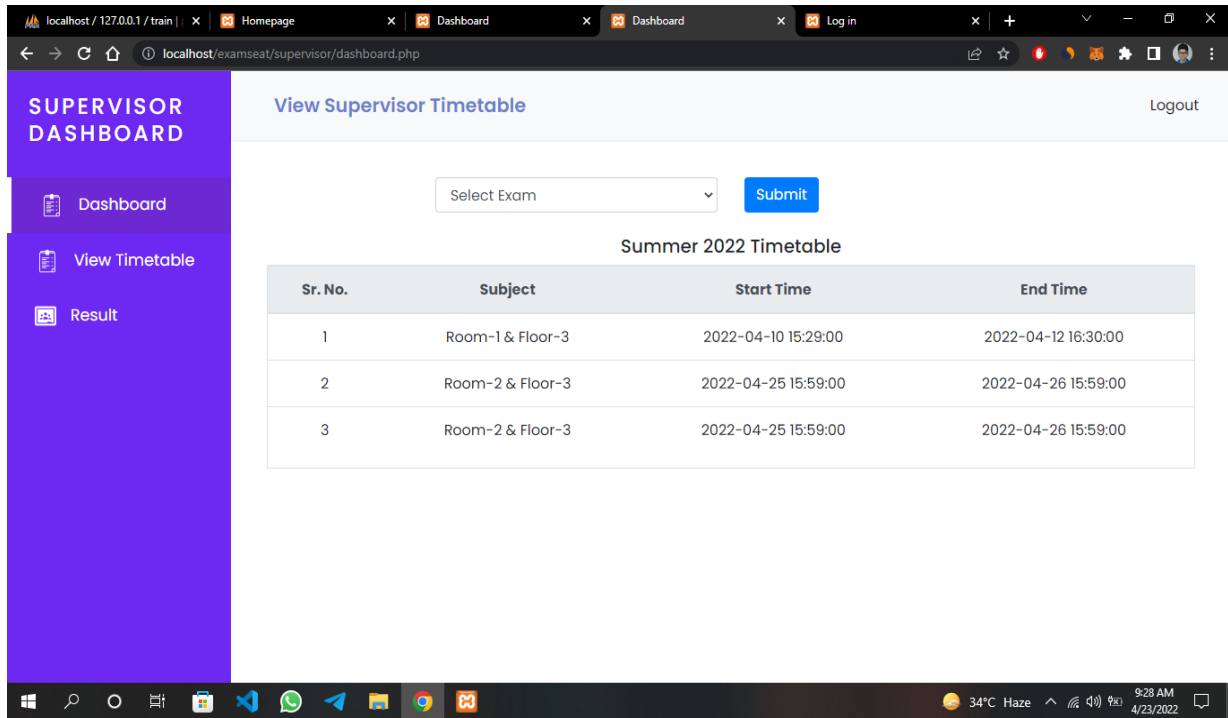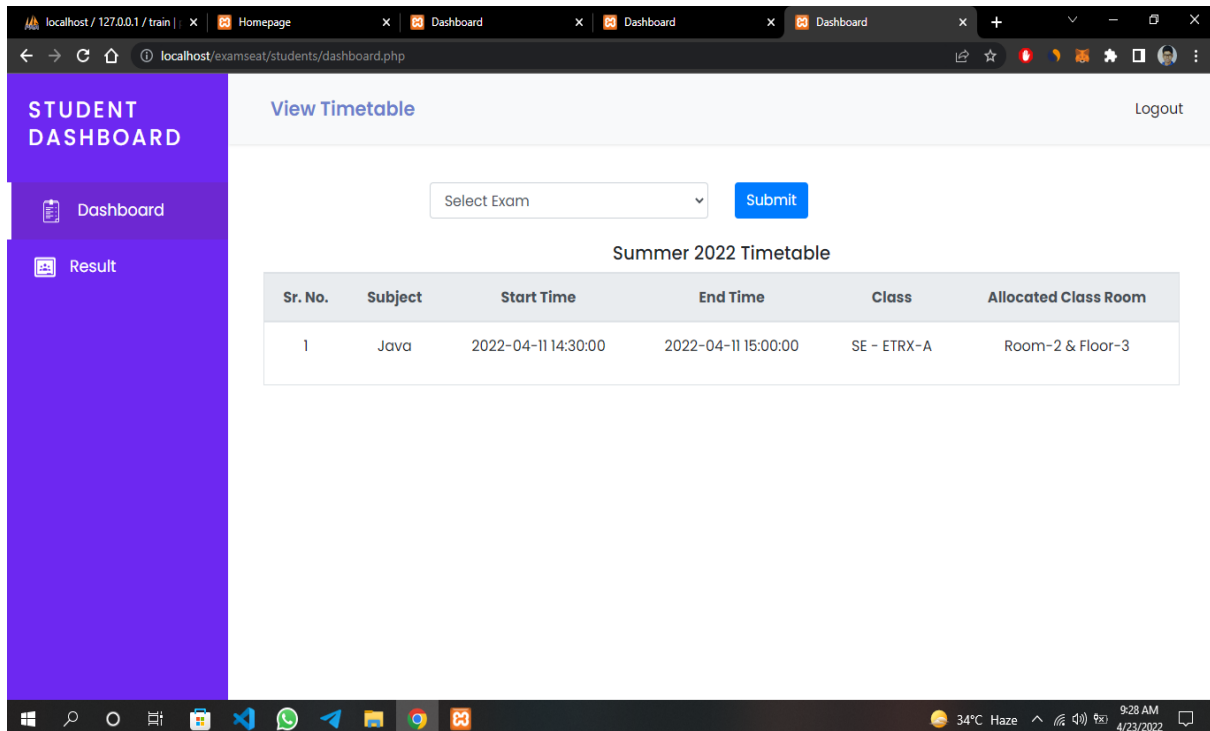**Fig 6:** Admin Dashboard

**Fig 7:** Faculty Dashboard



**Fig 8:** Student Dashboard

## VI.     CONCLUSION

The examination Block Allocation device offers a number of facilities to its customers. The goal and scope of the task are to document the information of diverse sports of the user. it'll simplify the paintings and decrease the paperwork. in the end the output of the challenge reduces the manpower, workload on college students in addition to personnel. It advantages all the academic institutes by decreasing the complexity worried even as allocating the examination duty for the colleges, exam halls for the scholars. All this facts is stored in a centralized database which may be accessed every time wished.

## ACKNOWLEDGEMENTS

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